



IFW16

RAW SEQUENCE LISTING

DATE: 07/26/2004

PATENT APPLICATION: US/09/787,334A

TIME: 15:50:04

Input Set : A:\4591-4000.txt

Output Set: N:\CRF4\07262004\I787334A.raw

3 <110> APPLICANT: CHEMTOB, Sylvain
 4 PERI, Krishna
 6 <120> TITLE OF INVENTION: Peptide Antagonists of Prostaglandin F2 alpha Receptor
 8 <130> FILE REFERENCE: 4591-4000
 10 <140> CURRENT APPLICATION NUMBER: US 09/787,334A
 11 <141> CURRENT FILING DATE: 2001-06-19
 13 <150> PRIOR APPLICATION NUMBER: US 09/154,627
 14 <151> PRIOR FILING DATE: 1998-09-17
 16 <150> PRIOR APPLICATION NUMBER: PCT/CA99/00844
 17 <151> PRIOR FILING DATE: 1999-09-15
 19 <160> NUMBER OF SEQ ID NOS: 15
 21 <170> SOFTWARE: PatentIn version 3.2
 23 <210> SEQ ID NO: 1
 24 <211> LENGTH: 8
 25 <212> TYPE: PRT
 26 <213> ORGANISM: artificial sequence
 28 <220> FEATURE:
 29 <223> OTHER INFORMATION: Peptide antagonist derived from the sequence of the
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 30 F2-alpha receptor.
 32 <400> SEQUENCE: 1
 34 Ile Leu Gly His Arg Asp Tyr Lys
 35 1 5
 38 <210> SEQ ID NO: 2
 39 <211> LENGTH: 8
 40 <212> TYPE: PRT
 41 <213> ORGANISM: artificial sequence
 43 <220> FEATURE:
 44 <223> OTHER INFORMATION: Peptide antagonist derived from the sequence of the
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 45 F2-alpha receptor.
 47 <400> SEQUENCE: 2
 49 Trp Glu Asp Arg Phe Tyr Leu Leu
 50 1 5
 53 <210> SEQ ID NO: 3
 54 <211> LENGTH: 8
 55 <212> TYPE: PRT
 56 <213> ORGANISM: artificial sequence
 58 <220> FEATURE:
 59 <223> OTHER INFORMATION: Peptide antagonist derived from the sequence of the
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 60 F2-alpha receptor.
 63 <220> FEATURE:
 64 <221> NAME/KEY: SITE

ENTERED

65 <222> LOCATION: (1)..(8)

66 <223> OTHER INFORMATION: Peptide containing all D-amino acids.

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68 <400> SEQUENCE: 3
70 Tyr Gln Asp Arg Phe Tyr Leu Leu
71 1      5
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75 <211> LENGTH: 8
76 <212> TYPE: PRT
77 <213> ORGANISM: artificial sequence
79 <220> FEATURE:
80 <223> OTHER INFORMATION: Peptide antagonist derived from the sequence of the
Prostaglandin
81      F2-alpha receptor.
84 <220> FEATURE:
85 <221> NAME/KEY: SITE
86 <222> LOCATION: (1)..(8)
87 <223> OTHER INFORMATION: Peptide containing all D-amino acids.
89 <400> SEQUENCE: 4
91 Ile Leu Ala His Arg Asp Tyr Lys
92 1      5
95 <210> SEQ ID NO: 5
96 <211> LENGTH: 8
97 <212> TYPE: PRT
98 <213> ORGANISM: artificial sequence
100 <220> FEATURE:
101 <223> OTHER INFORMATION: Peptide antagonist derived from the sequence of the
Prostaglandin
102      F2-alpha receptor.
105 <220> FEATURE:
106 <221> NAME/KEY: SITE
107 <222> LOCATION: (1)..(8)
108 <223> OTHER INFORMATION: Peptide containing all D-amino acids.
110 <400> SEQUENCE: 5
112 Ile Leu Gly Phe Arg Asp Tyr Lys
113 1      5
116 <210> SEQ ID NO: 6
117 <211> LENGTH: 8
118 <212> TYPE: PRT
119 <213> ORGANISM: artificial sequence
121 <220> FEATURE:
122 <223> OTHER INFORMATION: Peptide antagonist derived from the sequence of the
Prostaglandin
123      F2-alpha receptor.
126 <220> FEATURE:
127 <221> NAME/KEY: SITE
128 <222> LOCATION: (1)..(8)
129 <223> OTHER INFORMATION: Peptide containing all D-amino acids.
131 <400> SEQUENCE: 6
133 Ile Leu Gly His Lys Asp Tyr Lys
134 1      5
137 <210> SEQ ID NO: 7
138 <211> LENGTH: 8
139 <212> TYPE: PRT
140 <213> ORGANISM: artificial sequence

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142 <220> FEATURE:
 143 <223> OTHER INFORMATION: Peptide antagonist derived from the sequence of the
 Prostaglandin
 144 F2-alpha receptor.
 147 <220> FEATURE:
 148 <221> NAME/KEY: SITE
 149 <222> LOCATION: (1)..(8)
 150 <223> OTHER INFORMATION: Peptide containing all D-amino acids.
 152 <400> SEQUENCE: 7
 154 Ile Leu Gly His Arg Asn Tyr Lys
 155 1 5
 158 <210> SEQ ID NO: 8
 159 <211> LENGTH: 8
 160 <212> TYPE: PRT
 161 <213> ORGANISM: artificial sequence
 163 <220> FEATURE:
 164 <223> OTHER INFORMATION: Peptide antagonist derived from the sequence of the
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 165 F2-alpha receptor.
 168 <220> FEATURE:
 169 <221> NAME/KEY: SITE
 170 <222> LOCATION: (1)..(8)
 171 <223> OTHER INFORMATION: Peptide containing all D-amino acids.
 173 <400> SEQUENCE: 8
 175 Ile Leu Gly His Gln Asp Tyr Lys
 176 1 5
 179 <210> SEQ ID NO: 9
 180 <211> LENGTH: 7
 181 <212> TYPE: PRT
 182 <213> ORGANISM: artificial sequence
 184 <220> FEATURE:
 185 <223> OTHER INFORMATION: Peptide antagonist derived from the sequence of the
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 186 F2-alpha receptor.
 189 <220> FEATURE:
 190 <221> NAME/KEY: SITE
 191 <222> LOCATION: (1)..(7)
 192 <223> OTHER INFORMATION: Peptide containing all D-amino acids.
 194 <220> FEATURE:
 195 <221> NAME/KEY: Amidation
 196 <222> LOCATION: (7)..(7)
 197 <223> OTHER INFORMATION: The OH group of the Tyrosine at position 7 has been replaced
 with
 198 an NH2 group.
 200 <400> SEQUENCE: 9
 202 Ile Leu Gly His Arg Asp Tyr
 203 1 5
 206 <210> SEQ ID NO: 10
 207 <211> LENGTH: 8
 208 <212> TYPE: PRT
 209 <213> ORGANISM: artificial sequence
 211 <220> FEATURE:
 212 <223> OTHER INFORMATION: Peptide antagonist derived from the sequence of the

Prostaglandin

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213      F2-alpha receptor.
216 <220> FEATURE:
217 <221> NAME/KEY: SITE
218 <222> LOCATION: (1)..(8)
219 <223> OTHER INFORMATION: Peptide containing all D-amino acids.
221 <400> SEQUENCE: 10
223 Ile Leu Gly Trp Arg Asp Tyr Lys
224 1      5
227 <210> SEQ ID NO: 11
228 <211> LENGTH: 8
229 <212> TYPE: PRT
230 <213> ORGANISM: artificial sequence
232 <220> FEATURE:
233 <223> OTHER INFORMATION: Peptide antagonist derived from the sequence of the
Prostaglandin
234      F2-alpha receptor.
237 <220> FEATURE:
238 <221> NAME/KEY: SITE
239 <222> LOCATION: (1)..(8)
240 <223> OTHER INFORMATION: Peptide containing all D-amino acids.
242 <220> FEATURE:
243 <221> NAME/KEY: SITE
244 <222> LOCATION: (4)..(4)
245 <223> OTHER INFORMATION: Xaa= cyclohexyl alanine
247 <220> FEATURE:
248 <221> NAME/KEY: misc_feature
249 <222> LOCATION: (4)..(4)
250 <223> OTHER INFORMATION: Xaa can be any naturally occurring amino acid
252 <400> SEQUENCE: 11
W--> 254 Ile Leu Gly Xaa Arg Asp Tyr Lys
255 1      5
258 <210> SEQ ID NO: 12
259 <211> LENGTH: 8
260 <212> TYPE: PRT
261 <213> ORGANISM: artificial sequence
263 <220> FEATURE:
264 <223> OTHER INFORMATION: Peptide antagonist derived from the sequence of the
Prostaglandin
265      F2-alpha receptor.
268 <220> FEATURE:
269 <221> NAME/KEY: SITE
270 <222> LOCATION: (1)..(8)
271 <223> OTHER INFORMATION: Peptide containing all D-amino acids.
273 <400> SEQUENCE: 12
275 Ser Asn Val Leu Cys Ser Ile Phe
276 1      5
279 <210> SEQ ID NO: 13
280 <211> LENGTH: 8
281 <212> TYPE: PRT
282 <213> ORGANISM: artificial sequence
284 <220> FEATURE:

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285 <223> OTHER INFORMATION: Peptide antagonist derived from the sequence of the Prostaglandin

286 F2-alpha receptor.

289 <220> FEATURE:

290 <221> NAME/KEY: SITE

291 <222> LOCATION: (1)..(8)

292 <223> OTHER INFORMATION: Peptide containing all D-amino acids.

294 <400> SEQUENCE: 13

296 Ile Leu Gly His Arg Asp Tyr Lys

297 1 5

300 <210> SEQ ID NO: 14

301 <211> LENGTH: 8

302 <212> TYPE: PRT

303 <213> ORGANISM: artificial sequence

305 <220> FEATURE:

306 <223> OTHER INFORMATION: Peptide antagonist derived from the sequence of the Prostaglandin

307 F2-alpha receptor.

310 <220> FEATURE:

311 <221> NAME/KEY: SITE

312 <222> LOCATION: (1)..(2)

313 <223> OTHER INFORMATION: The amino acids at positions 1 and 2 are D-amino acids.

315 <220> FEATURE:

316 <221> NAME/KEY: SITE

317 <222> LOCATION: (4)..(8)

318 <223> OTHER INFORMATION: The amino acids at positions 4 and 8 are D-amino acids.

320 <400> SEQUENCE: 14

322 Ile Leu Ala His Arg Asp Tyr Lys

323 1 5

326 <210> SEQ ID NO: 15

327 <211> LENGTH: 8

328 <212> TYPE: PRT

329 <213> ORGANISM: artificial sequence

331 <220> FEATURE:

332 <223> OTHER INFORMATION: Peptide antagonist derived from the sequence of the Prostaglandin

333 F2-alpha receptor.

336 <220> FEATURE:

337 <221> NAME/KEY: SITE

338 <222> LOCATION: (1)..(8)

339 <223> OTHER INFORMATION: Peptide containing all D-amino acids.

341 <220> FEATURE:

342 <221> NAME/KEY: Amidation

343 <222> LOCATION: (8)..(8)

344 <223> OTHER INFORMATION: The OH group of the Lysine at position 8 has been replaced with

345 an NH2 group.

347 <400> SEQUENCE: 15

349 Ile Leu Gly His Arg Asp Tyr Lys

350 1 5

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/09/787,334A

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Input Set : A:\4591-4000.txt
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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:11; Xaa Pos. 4 ✓

VERIFICATION SUMMARY

DATE: 07/26/2004

PATENT APPLICATION: **US/09/787,334A**

TIME: 15:50:05

Input Set : **A:\4591-4000.txt**

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L:254 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11 after pos.:0